

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/004360

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F16N15/00 F16N39/04 F16N29/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F16N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 14834 A A.D. 1912 (HALL) 17 October 1912 (1912-10-17) page 1, line 5,6 – line 30-32 page 2, line 8-12; figure 1	1,4
A	GB 141 930 A (VAUGHAN) 29 April 1920 (1920-04-29) page 1, line 5-8 –page 3, line 30-38; figure 1	1,4
A	GB 710 102 A (GEORGE EDMUND SWAFFIELD;ALBANY ENGINEERING COMPANY LTD) 9 June 1954 (1954-06-09) page 1, line 15-18 –page 2, line 15-51; figures 1,2	1

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- *&* document member of the same patent family

Date of the actual completion of the International search

27 July 2004

Date of mailing of the International search report

04/08/2004

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INTERNATIONAL SEARCH REPORTInternational Application No
PCT/EP2004/004360**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 426 865 A (EXNER KLAUS ET AL) 24 January 1984 (1984-01-24) column 1, line 41-46; figures 2,5 -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/004360

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
GB 191214834	A	17-10-1912	NONE		
GB 141930	A	29-04-1920	NONE		
GB 710102	A	09-06-1954	NONE		
US 4426865	A	24-01-1984	DE 3040886 A1 CA 1179295 A1 DE 3164591 D1 EP 0051159 A1 ES 8206230 A1 IN 155365 A1 JP 1283370 C JP 57103734 A JP 60002127 B	16-06-1982 11-12-1984 09-08-1984 12-05-1982 16-11-1982 19-01-1985 27-09-1985 28-06-1982 19-01-1985	